

Device with dB-to-Linear Gain Conversion

ABSTRACT OF THE DISCLOSURE

[0033] An electronic dB-to-linear gain conversion system (10). The system comprises an input (12) for receiving a gain index signal (*GI*) representing a desired dB value. The desired dB value is selected from a set having an integer number *S* of dB values. The
5 system also comprises a storage circuit (16) for storing an integer number *V* of linear gain values and circuitry for producing a linear gain signal (*LG*) in response to the gain index signal and to one of the *V* linear gain values. In the preferred embodiment, *V* is less than *S*.